

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

# LISTING SERVICE

**LISTING No.** 7256-0087:139 Page 1 of 1

**CATEGORY:** Ionization Smoke Detector (Single/Multiple)

**LISTEE:** BRK Brands, Inc., 3901 W. Liberty St. Rd., Aurora, IL 60504-8122  
Contact: Mark Dippner (630) 851-7330 ext 1422 Fax (630) 851-9309

**DESIGN:** Models SA304, SA303, and SA300 single station, battery operated, ionization smoke detectors. Model SA304 has an escape light and a single button test/silence feature. Model SA303 has no escape light. Model SA300 has no escape light or silence feature. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 9 Vdc

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction. The following batteries may be used with Models SA300 and SA303: Eveready Model 522 (Energizer), 1222, Duracell Models MN1604 and MX1604 and Ultralife U9VL-J. Model SA304 may use all of the above except Eveready 1222 and Ultralife U9VL-J.

**MARKING:** Listee's name or First Alert, model number, electrical rating, and UL label.

**APPROVAL:** Listed as single station ionization smoke detectors. Refer to listee's Installation Instruction Manual for details.

These units can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 1999 Edition.

**NOTE:** The ionization type detectors are generally more effective at detecting fast, flaming fires, which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen. The photoelectric type detectors are generally more effective at detecting slow, smoldering fires, which smolder for hours before bursting into flames. Sources of these fires may include cigarettes burning in couches or bedding. Smoke particles of varying number and size are produced in all fires. For maximum protection, use both types of smoke alarms on each level of your home.

04-22-04



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JULY 12, 2004**

*Listing Expires **June 30, 2005***

Authorized By: **DIANE K. AREND, Senior Deputy  
Program Manager**